

Attachment B

Volatile Organic Compounds (VOCs)
Reasonably Available Control
Technology (RACT)

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Certification of Volatile Organic Compounds (VOCs) Reasonably Available Control Technology (RACT) in Lake and Porter Counties, Indiana

This submittal is intended to fulfill the plan provisions for reasonably available control technology (RACT) for volatile organic compounds (VOCs) of Clean Air Act (CAA) Section 182(b)(2) for the 2008 8-hour ozone National Ambient Air Quality Standard (NAAQS).

Section 182(b)(2) of the CAA requires a demonstration that the state has adopted all reasonable and available control measures to demonstrate attainment as expeditiously as practicable and that no additional measures that are reasonably available will advance the attainment date.

Indiana certifies that the Negative Declaration for the Control Techniques Guidelines (CTGs) for Fiberglass Boat Manufacturing Materials, submitted June 5, 2009¹, and approved by United States Environmental Protection Agency (U.S. EPA) on February 24, 2010, is still up to date.

Indiana also certifies that the Negative Declaration for the Oil and Natural Gas Industry CTGs submitted October 25, 2018², and approved by U.S. EPA on December 13, 2019, is still up to date.

As such, Indiana's existing VOC rules found in 326 Indiana Administrative Code (IAC) 8³ satisfies Indiana's obligation under Section 182(b)(2) of the CAA for Lake and Porter counties classified as serious under the 2008 8-hour ozone NAAQS.

Indiana's VOC RACT demonstration under the moderate classification was fully approved by U.S. EPA on February 13, 2019, effective March 15, 2019.⁴

¹ https://www.in.gov/ide/airquality/files/lakeporter_ozone_2008_attachment_b.pdf

² https://www.in.gov/ide/airquality/files/lakeporter_ozone_2008_ract_sip_revision_declaration.pdf

³ http://iac.iga.in.gov/iac/iac_title?iact=326

⁴ https://www.in.gov/ide/airquality/files/lakeporter_ozone_2008_progress_plan_approval.pdf

**Applicable Indiana 326-IAC Article 8 - Volatile Organic Compound
Rules for Control Technique Guidelines (CTGs) and Alternative
Control Technique Guidelines (ACTs)**

U.S. Environmental Protection Agency (U.S. EPA) CTGs and ACTs	Applicable Indiana Regulation	Federal Register (FR) Approval of Indiana Regulation
EPA 453/B-16-001 2016/10 Control Techniques Guidelines for the Oil and Natural Gas Industry (PDF 343 pp, 2MB)	Negative Declaration Letter 10/25/2018	84 FR 68050 Published: 12/13/2019 Effective: 01/13/2020
EPA 453/R-08-004 2008/09 Control Techniques Guidelines for Fiberglass Boat Manufacturing Materials (PDF 41 pp, 336KB)	Negative Declaration Letter 06/05/2009	75 FR 8246 Published: 02/24/2010 Effective: 03/26/2010
EPA 453/R-08-006 2008/09 Control Techniques Guidelines for Automobile and Light-Duty Truck Assembly Coatings (PDF 44 pp, 2.64MB) <i>And</i> EPA 453/R-08-002 2008/09 Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Primer-Surfacer and Topcoat Operations (PDF 129 pp, 450KB)	326 IAC 8-2-2 Automobile and Light Duty Truck Coating Operations	
EPA 453/R-07-003 2007/09 Control Techniques Guidelines for Paper, Film, and Foil Coatings (PDF 102 pp, 488KB)	326 IAC 8-2-5 Paper Coating Operations	
EPA 453/R-07-005 2007/09 Control Techniques Guidelines for Metal Furniture Coatings (PDF 100 pp, 293KB)	326 IAC 8-2-6 Metal Furniture Coating Operations	
EPA 453/R-07-004 2007/09 Control Techniques Guidelines for Large Appliance Coatings (PDF 44 pp, 374KB)	326 IAC 8-2-7 Large Appliance Coating Operations	

EPA 453/R-08-003 2008/09 Control Techniques Guidelines for Miscellaneous Metal and Plastic Parts Coatings (PDF 144 pp, 897KB)	326 IAC 8-2-9 Miscellaneous Metal and Plastic Parts Coating Operations	75 FR 8246 Published: 02/24/10 Effective: 03/26/10 <i>Revision:</i> 76 FR 63549 Published: 10/13/2011 Effective: 12/12/2011
EPA-453/R-06-004 2006/09 Control Techniques Guidelines for Flat Wood Paneling Coatings (PDF 27 pp, 212KB)	326 IAC 8-2-10 Flat Wood Panels; Manufacturing Operations	75 FR 8246 Published: 02/24/10 Effective: 03/26/10
EPA-453/R-06-003 2006/09 Control Techniques Guidelines for Flexible Package Printing (PDF 33 pp, 216KB)	326 IAC 8-5-5 Graphic Arts <i>And</i> Graphic Arts Operations	63 FR 35141 Published: 06/29/1998 Effective: 08/28/1998 <i>And</i> 75 FR 8246 Published: 02/24/10 Effective: 03/26/10
Non-CTG	326 IAC 8-7 Specific VOC Reduction Requirements for Lake, Porter, Clark, and Floyd Counties	60 FR 34856 Published: 07/05/1995 Effective: 09/05/1995
EPA-453/R-06-002 2006/09 Control Techniques Guidelines for Offset Lithographic Printing and Letterpress Printing (PDF 52 pp, 349KB)	326 IAC 8-16 Offset Lithographic Printing and Letterpress Printing	75 FR 8246 Published: 02/24/2010 Effective: 03/26/2010
EPA-453/R-06-001 2006/09 Control Techniques Guidelines for Industrial Cleaning Solvents (PDF 290 pp, 7.6MB)	326 IAC 8-17 Industrial Solvent Cleaning Operations	
EPA-450/3-84-015 1984/12 Control of Volatile Organic Compound Emissions from Air Oxidation Processes in Synthetic Organic Chemical Manufacturing Industry (PDF 259 pp, 9.4MB) <i>And</i> EPA-450/4-91-031 1993/08 Control of Volatile Organic Compound Emissions from Reactor Processes and Distillation Operations in Synthetic Organic Chemical Manufacturing Industry (PDF 277 pp, 8.7MB)	326 IAC 8-18 Synthetic Organic Chemical Manufacturing Industry Air Oxidation, Distillation, and Reactor Processes	

<p>EPA-453/R-93-020 1994/02 Control of Volatile Organic Compound Emissions from Batch Processes ACT (PDF 377 pp, 11.9MB) <i>Note – Document also released under the Report ID of EPA-453/R-93-017.</i></p>	<p>326 IAC 8-19 Control of Volatile Organic Compound Emissions From Process Vents in Batch Operations</p>	<p><i>Cont.</i></p>
<p>EPA-453/D-93-056 1992/09 Control of Volatile Organic Compound Emissions from Industrial Wastewater CTG (draft) (PDF 234 pp, 9.4MB) <i>Note – CTG not finalized but issued as ACT in 1994.</i></p> <p>(No Report ID) 1994/04 Industrial Wastewater Alternative Control Technology (PDF 266 pp, 9.5MB) <i>Note – ACT consists of cover memo with option tables + CTG (draft) EPA-453/D-93-056.</i></p>	<p>326 IAC 8-20 Industrial Wastewater</p>	
<p>59 FR-29216 6/06/94 1994/06 Aerospace MACT (PDF 37 pp, 5.6MB) <i>And</i> EPA-453/R-97-004 1997/12 Aerospace (CTG & MACT) (PDF 62 pp, 288KB)</p>	<p>326 IAC 8-21 Aerospace Manufacturing and Rework Operations</p>	
<p>EPA 453/R-08-005 2008/09 Control Techniques Guidelines for Miscellaneous Industrial Adhesives (PDF 47 pp, 350KB)</p>	<p>326 IAC 8-22 Miscellaneous Industrial Adhesives</p>	